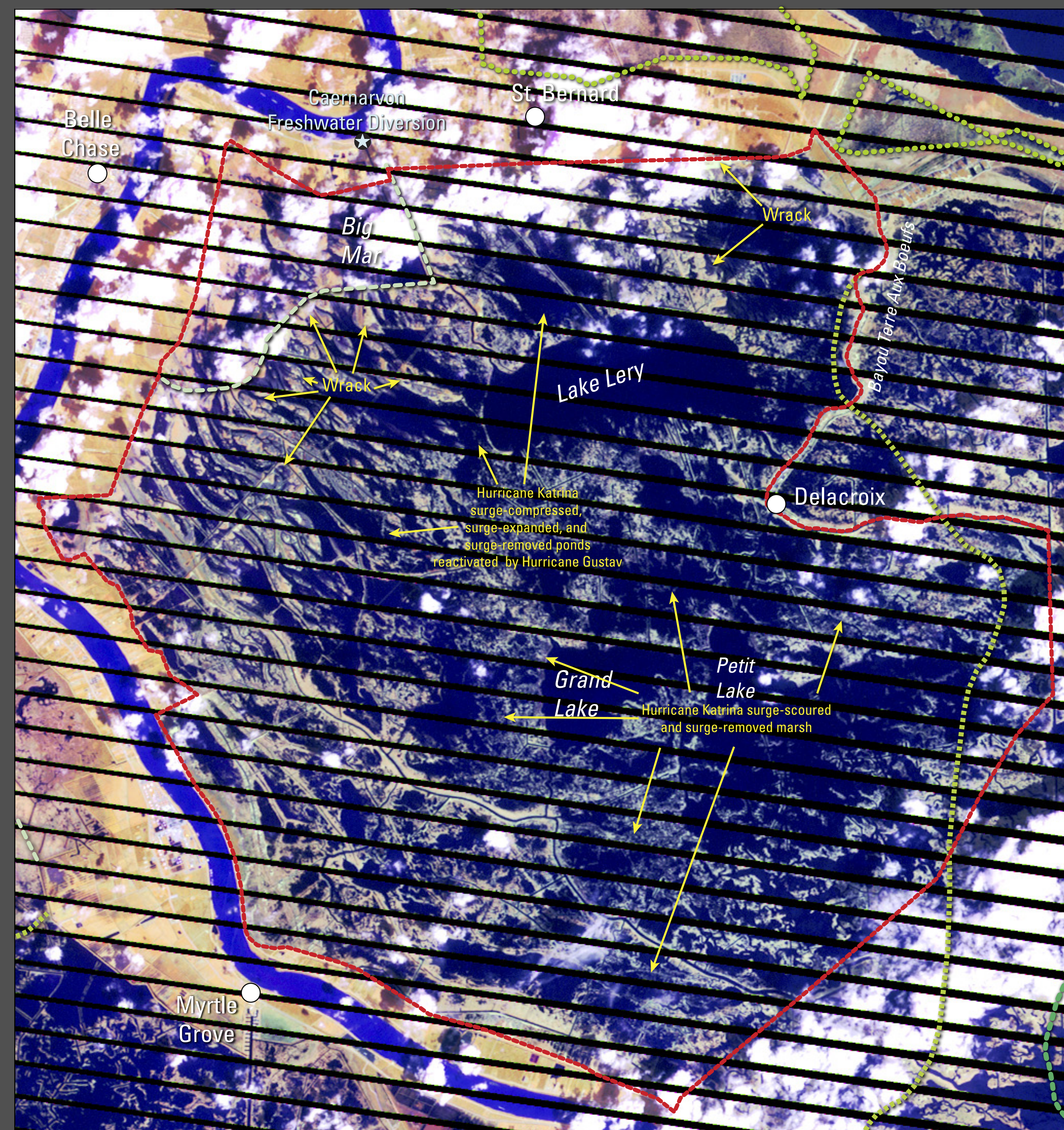


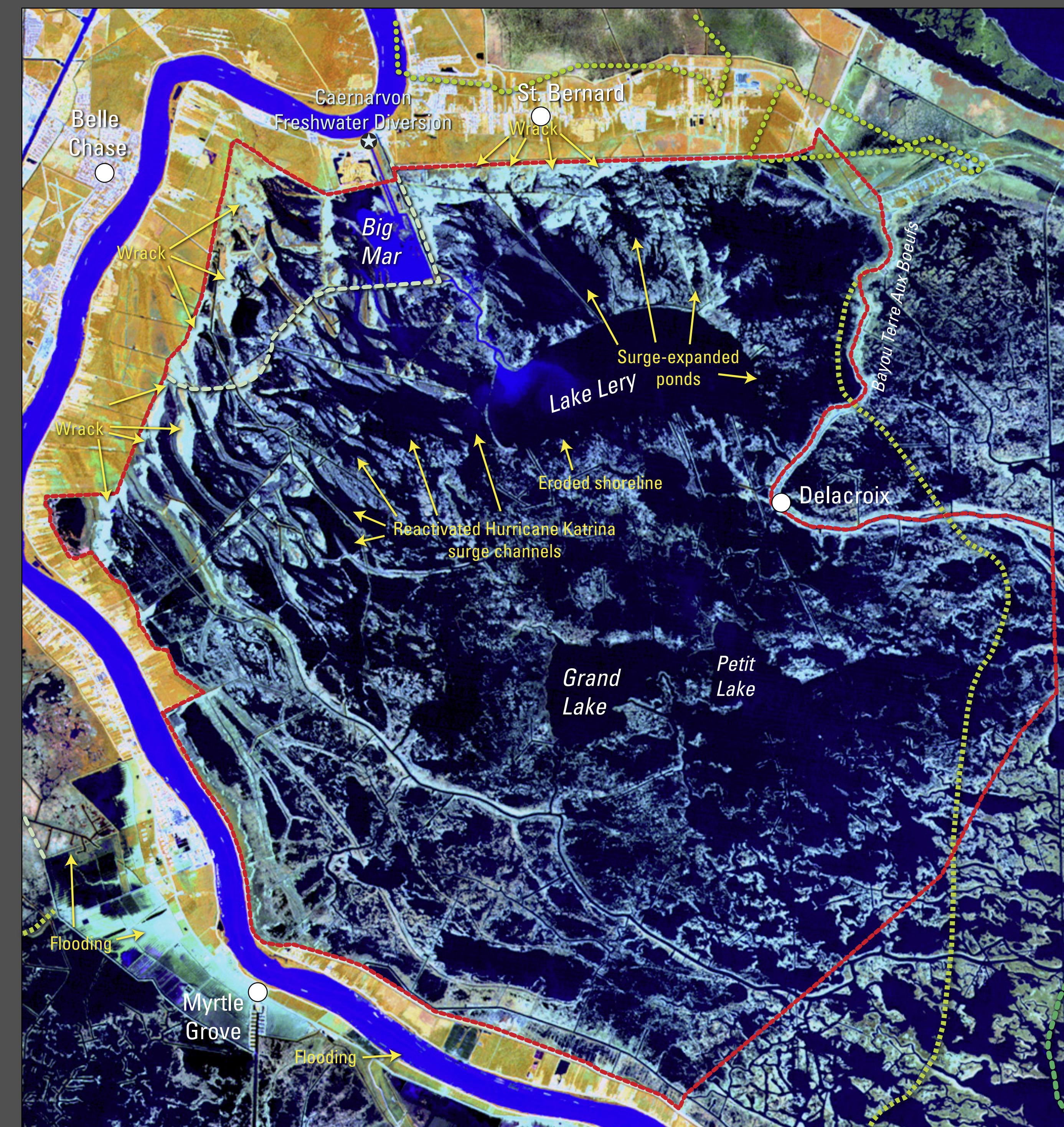
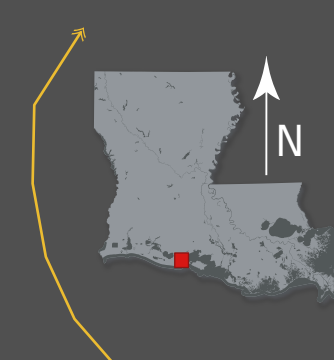
Before and After Hurricane Ike Images—Delacroix, Louisiana (Landsat 7 Enhanced Thematic Mapper+ and Landsat 5 Thematic Mapper Satellite Imagery)



September 7, 2008, Landsat 7 ETM+

The diagonal black lines crossing the image are caused by malfunction of Landsat 7's Scan Line Corrector (SLC-off).

- 2001 Fresh-Intermediate Marsh Community Boundary
- 2001 Intermediate-Brackish Marsh Community Boundary
- 2001 Brackish-Fastland Marsh Community Boundary
- 2001 Brackish-Saline Marsh Community Boundary



October 1, 2008, Landsat 5 TM

Surge-removed floating and submerged aquatic vegetation zone. Both Hurricane Gustav's and Hurricane Ike's cumulative surges appear to have removed significant amounts of aquatic and other transitory vegetation that characterized the area between Delacroix and the Mississippi River after the surge impacts of hurricanes Katrina and Rita in 2005. The blue cast of the October TM 5 image is caused by salt-burning of fresh and intermediate marsh vegetation from the combined surges.

Image Sources:

Landsat TM and ETM+ satellite imagery is provided by the USGS EROS Data Center. Bands 4 (near-IR), 5 (mid-IR), and 3 (visible red) are displayed.